Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 24 Dec 2020 until 23:59 on Friday 25 Dec 2020

Forecast Issued on Thursday 24 Dec 2020 at 02:50

Confidence: High for a cold start and then a change, briefly, to milder, wetter and windier conditions but lower with regard to details, especially through Monday with low pressure centred over the UK.

Headline for Thursday 24 Dec 2020: Sunny spells and occasional snow showers. Very cold with strong northerly winds

Mountain weather hazards on Thursday 24 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Light snow	Sunny intervals	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
00%	40%	30%	30%	20%	<05%

Forecast for Thursday 24 Dec 2020

Weather: A bright but frosty start to the day with some sunny spells, especially in the west, but occasional mainly light snow showers spreading south. The showers clear through the afternoon, followed by a dry evening with long clear spells.

Chance of cloud free mountain/hill tops above 600m: Around 40% through the morning for most with periods of cloud above 600m and patches below, but nearer 75% in the west and, becoming more generally through the afternoon, with cloud more occasional above 600m.

Visibility: Very good or excellent, with distant hills clearly visible, falling to just a few kilometres in and around any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 24 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/27 NW	10/16 N	18/25 N	17/25 N	11/19 N	14/24 N	13/23 N
300	9/21 NW	9/23 N	11/22 N	12/25 NW	10/22 NW	12/25 NW	8/20 N
Valley	10/26 N	13/30 N	15/30 N	15/31 N	9/24 N	4/12 NW	6/16 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-9	-3/-8	-1/-8	-2/-9	-3/-8	-3/-10	-3/-9
300	-1/-5	-1/-5	1/-3	0/-4	-1/-6	-2/-8	-2/-7
Valley	1/-4	1/-4	3/-2	2/-3	0/-4	-1/-4	-2/-5
Freezing Level*	100m	100m	300m	200m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Quite windy over ridges and summits, giving a significant chill effect throughout at all levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 24 Dec 2020	3mm	3.2mm	8mm

Forecast for Friday 25 Dec 2020

Weather: Clear skies at first but cloud increasing from the northwest through the early hours. Then a cloudy morning with outbreaks of mainly light sleet and snow developing, these turning increasingly to rain through the afternoon. The rain becomes more persistent and occasionally heavy for a time through the late afternoon and evening.

Maximum wind: Northerly or north-westerly 15mph backing south-westerly 20-25mph through the morning, with gusts around 40mph over ridges and summits by evening.

Chance of cloud free mountain/hill tops above 600m: Close to 100% at first with little cloud below summits becoming close to zero through the morning with periods or persistent cloud above 600m developing.

Visibility: Very good or excellent, with distant hills clearly visible, falling to mediocre in sleet, snow and later heavier rain.

Temperature: **Valleys:** Minus 2 or 3 Celsius overnight rising to plus 8 or 9 Celsius by day
At 600m: Around minus 4 Celsius rising to plus 3 Celsius through the afternoon and evening
Freezing level: All levels at first gradually rising above the summits.

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